EAST - [10815981.wsp:1]

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- Drafts
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  - BRS:
- Pending
- Active
  - L1: (163674) "455"/$.ccls. or "370"/$.ccls.
  - L2: (26890) 1 and (CDMA or "code division multiple access")
  - L3: (11) 2 and "unused spreading code"
  - L4: (19) 2 and (unused near3 "spreading code")
  - L5: (1) 4 and dummy
  - L6: (509) 2 and dummy
  - L7: (100) 6 and "spreading code"
  - L8: (1) 7 and "superimposing unit"
  - L9: (1) 7 and "pseudo superimposed signal"
  - L10: (1) "pseudo superimposed signal"
  - L11: (36) unused near3 "spreading code"
  - L12: (1) 11 and dummy
  - L13: (5) unused near3 "spreading code".clm.
  - L14: (1) 11 and dummy.clm.
  - L15: (1) "pseudo superimposed signal".clm.
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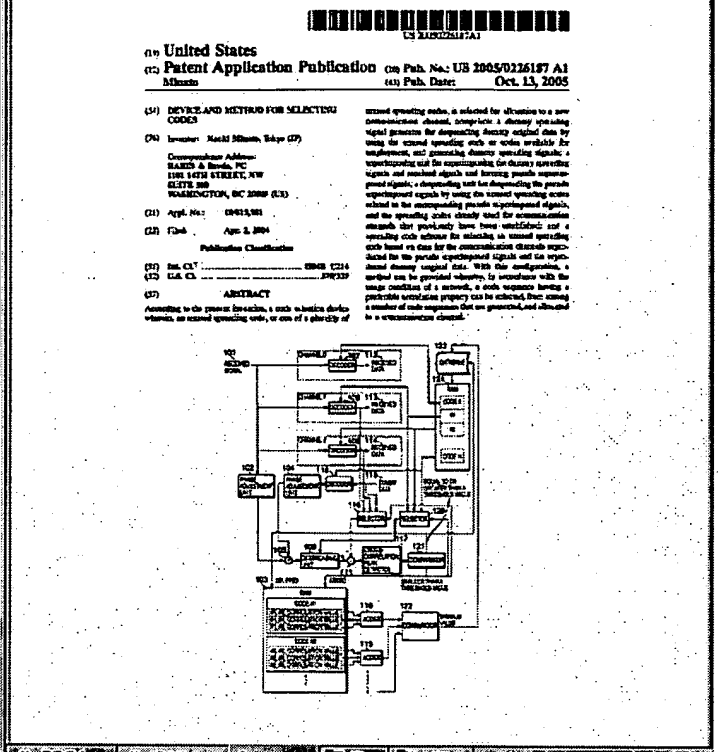
- Favorites



(19) United States
(12) Patent Application Publication (10) Pub. No.: US 2005/0226187 A1
Minato (43) Pub. Date: Oct. 13, 2005

(54) DEVICE AND METHOD FOR SELECTING CODES

ABSTRACT

BRS form | IS&R form | Image | Text | HTML

	U	1	Document ID	Sourc	Issue Date	Pages	Title	Current OR	Current	Ret	Inventor
1	☐	☐	US 20050226187 A1	US-P GPUB	20051013	15	Device and method for selecting codes	370/335			Minato, Naoki

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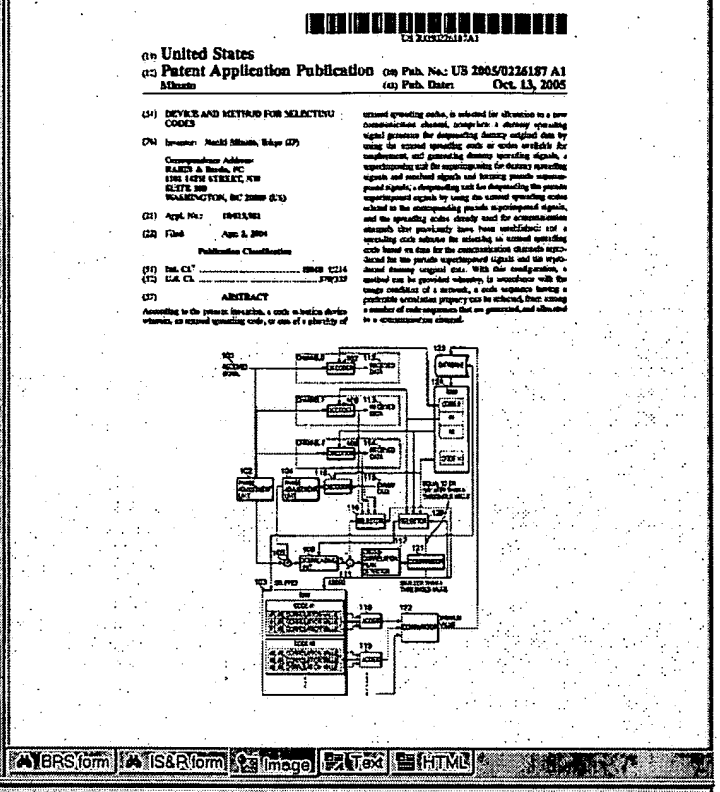

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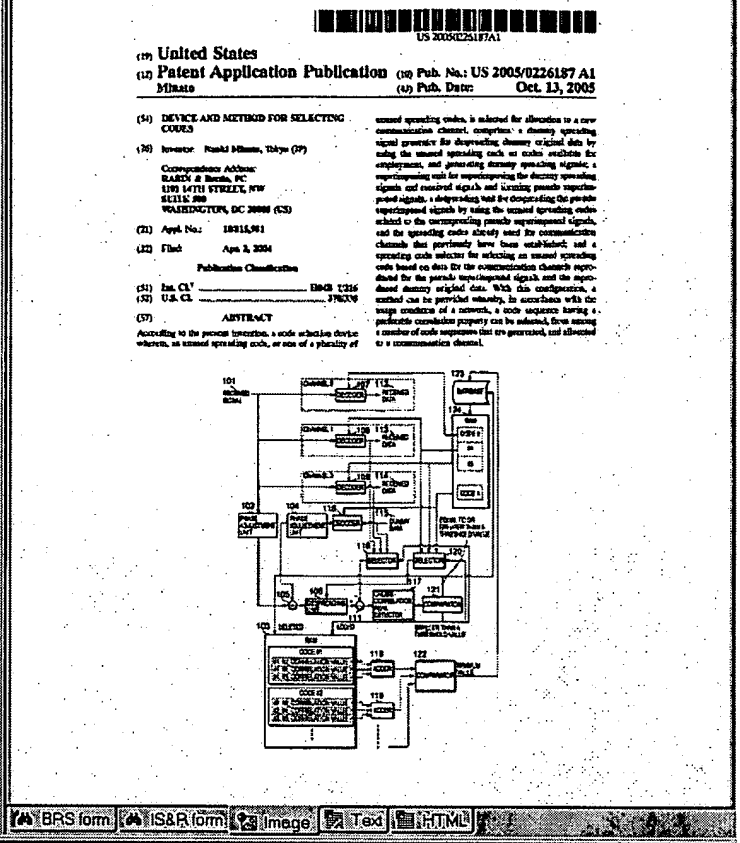

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(54) DEVICE AND METHOD FOR SELECTING CODES

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(22) Filed: Apr. 2, 2004

Publication Classification

(51) Int. Cl.[7] H04B 7/216

(52) U.S. Cl. 370/335

(57) ABSTRACT

According to the present invention, a code selection device wherein, an unused spreading code, or one of a plurality of unused spreading codes, is selected for allocation to a new communication channel, comprises: a dummy spreading signal generator for despreading dummy original data by using the unused spreading code or codes available for employment, and generating dummy spreading signals; a superimposing unit for superimposing the dummy spreading signals and received signals and forming pseudo superimposed signals; a despreading unit for despreading the pseudo superimposed signals by using the unused spreading codes related to the corresponding pseudo superimposed signals, and the spreading codes already used for communicating channels that previously have been established; and a spreading code selector for selecting an unused spreading code based on data for the communication channels reproduced for the pseudo superimposed signals and the reproduced dummy original data. With this configuration, a method can be provided whereby, in accordance with the usage condition of a network, a code sequence having a preferable correlation property can be selected, from among a number of code sequences that are generated, and allocated to a communication channel.

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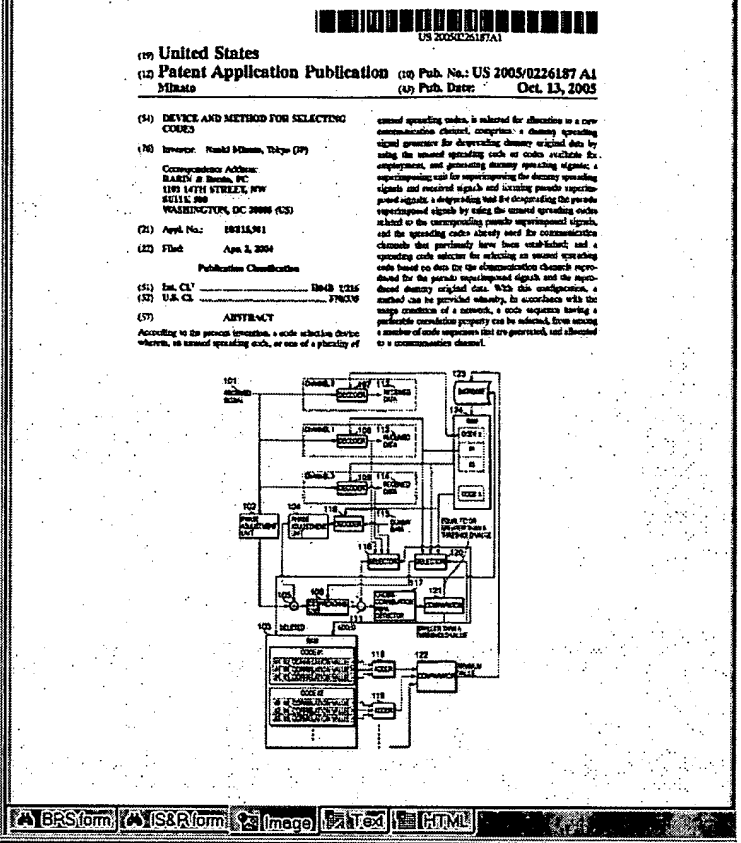

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(54) DEVICE AND METHOD FOR SELECTING CODES

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